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OM nucleic - nucleic search, using sw model

Run on: May 3, 2004, 17:03:47 ; Search time 2100 Seconds  
(without alignments)

Title: US-09-483-184A-1

Perfect score: 8253

Sequence: 1 tcttagagtccaaatgtgcatt.....gttccgttctgtatcttgcata 8253

Scoring table: OLIGO\_NUC

Gapop 60.0 , Gapext 60.0

Searched: 2936184 seqs, 2261732022 residues

Word size : 0

Total number of hits satisfying chosen parameters: 5872368

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Listing first 45 summaries

Database : Published\_Applications\_NA:\*

1: /cgn2\_6/picodata/2/pubnra/US07\_PUBCOMB.seq:\*

2: /cgn2\_6/picodata/2/pubnra/PCT\_NW\_PUB.seq:\*

3: /cgn2\_6/picodata/2/pubnra/US06\_NW\_PUB.seq:\*

4: /cgn2\_6/picodata/2/pubnra/US06\_PUBCOMB.seq:\*

5: /cgn2\_6/picodata/2/pubnra/US07\_NEW\_PUB.seq:\*

6: /cgn2\_6/picodata/2/pubnra/PCT05\_PUBCOMB.seq:\*

7: /cgn2\_6/picodata/2/pubnra/US08\_NEW\_PUB.seq:\*

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13: /cgn2\_6/picodata/2/pubnra/US09\_NEW\_PUB.seq:\*

14: /cgn2\_6/picodata/2/pubnra/US10\_PUBCOMB.seq:\*

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16: /cgn2\_6/picodata/2/pubnra/US10C\_PUBCOMB.seq:\*

17: /cgn2\_6/picodata/2/pubnra/US10C\_PUBCOMB.seq:\*

18: /cgn2\_6/picodata/2/pubnra/US60\_NEW\_PUB.seq:\*

19: /cgn2\_6/picodata/2/pubnra/US60\_PUBCOMB.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

RESULTS

1 US-10-085-117-268

; Sequence 268, Application US/10085117

; Publication No. US200302233411

; GENERAL INFORMATION:

; APPLICANT: Morris, David W.

; ATTORNEY/AGENT: Engelhard, Eric K.

; TITLE OF INVENTION: NUCLEIC ACID COMPOSITIONS AND METHODS FOR CANCER

; FILE REFERENCE: 529452000121

; CURRENT APPLICATION NUMBER: US/10/085.117

; CURRENT FILING DATE: 2002-02-27

; PRIOR APPLICATION NUMBER: US 09/798,586

; PRIOR FILING DATE: 2001-03-02

; NUMBER OF SEQ ID NOS: 361

; SOFTWARE: FastSEQ for Windows Version 4.0

; SEQ ID NO: 268

; LENGTH: 23524

; TYPE: DNA

; ORGANISM: Homo sapiens

; FEATURE:

; NAME/KEY: variation

; LOCATION: (1):(23524)

; OTHER INFORMATION: n = any nucleotide

US-10-085-117-268

1 TCTAGAGTCATAATGCGCTTATATCGTACAAAAAATGCTGCTGGCTGGTGGTGGT 60

Query Match 56.3%; Score 4650; DB 16;

Best Local Similarity 99.5%; Prod. No. 0;

Matches 8230; Conservative 0; Mismatches 14; Indels 29; Gaps 19;

Qy 1 TCTAGAGTCATAATGCGCTTATATCGTACAAAAAATGCTGCTGGCTGGTGGTGGT 60

Db 83324 TCTAGAGTCATAATGCGCTTATATCGTACAAAAAATGCTGCTGGCTGGTGGTGGT 8383

Qy 61 GACTCACACCTGTAATCCAGCACTTAAGAGCTGAGGCAAGTGGATCACCTGAGGCCA 120

Db 83384 GACTCACACCTGTAATCCAGCACTTAAGAGCTGAGGCAAGTGGATCACCTGAGGCCA 8443

%

Result No.	Score	Query Length	DB ID	Description
1	4650	56.3	23524	16 US-10-085-117-268
2	2937	35.6	3934	10 US-09-960-106-637
3	2937	35.6	3934	13 US-10-236-192-11
4	2818	34.1	3946	13 US-10-0-573-1
5	1866	22.6	3953	16 US-10-443-108-7
6	1626	19.7	6012	10 US-0-971-429B-21
7	1626	19.7	6012	14 US-10-002-600-43
8	1344	17.4	2430	16 US-10-085-117-269
9	679	8.2	2875	15 US-10-247-671-28
c	433	5.2	1053	16 US-10-085-117-270
c	433	5.2	624	9 US-10-692-8824
c	433	5.2	624	16 US-10-040-862-8824
c	433	5.2	624	16 US-10-154-884B-8824

Qy	121	GGAGTTGAGACCCCTGCCAACATGGTAAACCATGGCTCTAGCCCA	180	
Db	8444	GGAGTTGAGACCCCTGCCAACATGGTAAACCATGGCTCTAGCCCA	8503	
Qy	181	GCAAGCCATCGCACTCCCTGACTGGACGATACATCCAGATGGCTGAGTA	240	
Db	8504	GCAAGCCATCGCACTCCCTGACTGGACGATACATCCAGATGGCTGAGTA	8563	
Qy	241	AAGATCCAAAGAGTAAAAAATAGCCTTAACGTGACATTCACCATGGATTG	300	
Db	8564	AAGATCCAAAGAGTAAAAAATAGCCTTAACGTGACATTCACCATGGATTG	8623	
Qy	301	TTCRSCCCACCCGAACTGATCATGTTGTAATCCCCACCTTAAGAGGTT	360	
Db	8624	TTCRSCCCACCCGAACTGATCATGTTGTAATCCCCACCTTAAGAGGTT	8683	
Qy	361	TTTGTAAATTCTCCACCCCTGAAATGACTTGTGAGTCACCCGCCAAAC	420	
Db	8684	TTTGTAAATTCTCCACCCCTGAAATGACTTGTGAGTCACCCGCCAAAC	8743	
Qy	421	ATTGTCTCACCTCACCTTACCTTACCAAACTGTAGAACTATGATAATCATCAC	480	
Db	8744	ATTGTCTCACCTCACCTTACCTTACCAAACTGTAGAACTATGATAATCATCAC	8803	
Qy	481	CTTGTCTGACTCTCTTGGACTAGGCCCTGACCCAGTGAATAAAGGCCATG	540	
Db	8804	CTTGTCTGACTCTCTTGGACTAGGCCCTGACCCAGTGAATAAAGGCCATG	8863	
Qy	541	TTGTCTCACAAAGCTGTTGGCTCACAGACGGCATAAACATCT	600	
Db	8864	TTGTCTCACAAAGCTGTTGGCTCACAGACGGCATAAACATCT	8923	
Qy	601	ACTAAAAATACAAATATCAGCTGGCTGAGCTGTTCACAGACGGCATAAACATCT	660	
Db	8924	ACTAAAAATACAAATATCAGCTGGCTGAGCTGTTCACAGACGGCATAAACATCT	8983	
Qy	661	GAGGGAGACAGGGAGGCTACTTGAGGGCATGTTGGCTGGCAACATCG	720	
Db	8984	GAGGGAGACAGGGAGGCTACTTGAGGGCATGTTGGCTGGCAACATCG	9043	
Qy	721	TGAAACCCATCTCACAAATACAAATACAGCTGGGAGCTGGCTG	780	
Db	9044	TGAAACCCATCTCACAAATACAAATACAGCTGGGAGCTGGCTG	9103	
Qy	781	AATCCCGTACTCGGAGCTGGCTGGAGCTGGAAAGTGAGCTTG	840	
Db	9104	AATCCCGTACTCGGAGCTGGCTGGAGCTGGAAAGTGAGCTTG	9163	
Qy	841	TAGTGAGCCAGATGCCCAACTGCACTGAGCTGGCTGGAAAGTGAGCTTG	900	
Db	9164	TAGTGAGCCAGATGCCCAACTGCACTGAGCTGGCTGGAAAGTGAGCTTG	9223	
Qy	901	AACAAACAAAAATGGTGTCAAGACTCGAGCTGGCTGGAAAGTGAGCTTG	960	
Db	9224	AACAAACAAAAATGGTGTCAAGACTCGAGCTGGCTGGAAAGTGAGCTTG	9283	
Qy	961	GTAATGGACCAAGACTATGGACAGAGTGGAGCAAGCAGGAGGATA	1020	
Db	9284	GTAATGGACCAAGACTATGGACAGAGTGGAGCAAGCAGGAGGATA	9343	
Qy	1021	GTTAGCTGGCAGTTAGCTAGTCACCTACATAATGGTTCTAGCTTG	1080	
Db	9344	GTTAGCTGGCAGTTAGCTAGTCACCTACATAATGGTTCTAGCTTG	9403	
Qy	1081	TGGACATCCATTCACAACTGGCTAACATGGCTGAGAGTGGAAATAACCA	1140	
Db	9404	TGGACATCCATTCACAACTGGCTAACATGGCTGAGAGTGGAAATAACCA	9463	
Qy	1141	AGTCCCACATGCGCTTAAATCCCTATCATCATGAGCTGGTTCTCATC	1200	
Db	9464	AGTCCCACATGCGCTTAAATCCCTATCATCATGAGCTGGTTCTCATC	9523	
Qy	1201	ACTGAACCTCCGCTCTCCCTCAACCCCTGTTGATGGTTGAATTTCAT	1260	
Db	9524	ACTGAACCTCCGCTCTCCCTCAACCCCTGTTGATGGTTGAATTTCAT	9583	
Qy	1261	TTGGTAAACCTCTGGAAACAGCAAAAGGCTCAAAATCAGCTCTGGAA	1320	
Db	9584	TTGGTAAACCTCTGGAAACAGCAAAAGGCTCAAAATCAGCTCTGGAA	9643	
Qy	1321	GCACAGGTTAGCCAGAGGGCCAGGTGCTATGGAAAAGAGCTCGAGGCCAGGAGC	1380	
Db	9644	GCACAGGTTAGCCAGAGGGCCAGGTGCTATGGAAAAGAGCTCGAGGCCAGGAGC	9703	
Qy	1381	TCTGGAGGAGCCAGGCTGGAAAGCCGGCTAGTAACCGGGACTAGAGCTCCGA	1440	
Db	9704	TCTGGAGGAGCCAGGCTGGAAAGCCGGCTAGTAACCGGGACTAGAGCTCCGA	9763	
Qy	1441	AGACCGGAAAGCCGCCCTCAAGCCGGCCGCCAACCCGCCGCCGCCGG	1500	
Db	9764	AGACCGGAAAGCCGCCCTCAAGCCGGCCGCCAACCCGCCGCCGCCGG	9823	
Qy	1501	GCAGCTGTTAGTGGCGTGGCGCAACCTCGTGGAGACTGCGCCCTTTCAGTATGG	1560	
Db	9824	GCAGCTGTTAGTGGCGTGGCGCAACCTCGTGGAGACTGCGCCCTTTCAGTATGG	9883	
Qy	1561	GAATACCTTTTAAAGAAAGTCTGGCTGCAACCCGTTAGACTGCGCCCTTA	1620	
Db	9884	GAATACCTTTTAAAGAAAGTCTGGCTGCAACCCGTTAGACTGCGCCCTTA	9943	
Qy	1621	AAACCGTATAAGGGCTGCACTCTCACTTCCCTTCTCCAGTAAGGATC	1680	
Db	9944	AAACCGTATAAGGGCTGCACTCTCACTTCCCTTCTCCAGTAAGGATC	10003	
Qy	1681	GGGGTCTTCCCACTGTTCTGAGCAAGGGCTGCTGGAAATGTTGGCTCAA	1740	
Db	10004	GGGGTCTTCCCACTGTTCTGAGCAAGGGCTGCTGGAAATGTTGGCTCAA	10063	
Qy	1741	AAGAACGCGGTAATGGCTCACTCTCACTTCCCTTCTCCAGTAAGGATC	1800	
Db	10064	AAGAACGCGGTAATGGCTCACTCTCACTTCCCTTCTCCAGTAAGGATC	10123	
Qy	1801	CGGGCGGCCAACCCGCCAGGGGACTTTGGCTACCGAGAGGACGCCCTGCCG	1860	
Db	10124	CGGGCGGCCAACCCGCCAGGGGACTTTGGCTACCGAGAGGACGCCCTGCCG	10183	
Qy	1861	GCGAGAGATAAGGGAGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	1920	
Db	10184	GCGAGAGATAAGGGAGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	10243	
Qy	1921	CCGTTCACCTCACCCAGACTCCGGAGGCTCCGGCCCTGGCCATTGGCCCA	1980	
Db	10244	CCGTTCACCTCACCCAGACTCCGGAGGCTCCGGCCCTGGCCATTGGCCCA	10303	
Qy	1981	GTTCCCGAGCTCACCGGAGCTGGCTGGCTGGCTGGCTGGCTGGCTGG	2040	
Db	10304	GTTCCCGAGCTCACCGGAGCTGGCTGGCTGGCTGGCTGGCTGGCTGG	10363	
Qy	2041	GCGCCGCGCTGGAGGAGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	2100	
Db	10364	GCGCCGCGCTGGAGGAGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	10423	
Qy	2101	GCTGGCGGGGAAATCTGGTAAATAACCACTAGACCCGCGCCCTGTTG	2160	
Db	10424	GCTGGCGGGGAAATCTGGTAAATAACCACTAGACCCGCGCCCTGTTG	10483	
Qy	2161	GTTGGCGGGGAAATCTGGTAAATAACCACTAGACCCGCGCCCTGTTG	2220	
Db	10484	GTTGGCGGGGAAATCTGGTAAATAACCACTAGACCCGCGCCCTGTTG	10543	
Qy	2221	GCCAGGAGGAGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	2280	
Db	10544	GCCAGGAGGAGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	10603	
Qy	2281	CCTTCGGAGAGGGCAACCCGCAAGGAGGAGGAGGAGGAGGAGGAGG	2340	

Db	10654	CTTCGGGAGCAAGCCACGGCCAAAGCACAAAGCCATGGCGTGGGGCCAC	10663	Qy	3417	GAGAAACTGATGCCGAATTGGGGCTTACTGAAATAATTAGCTGGAGATTGAG	3476
Qy	2341	CAGCGGAGGGCTGGACCTTACGAGGTTGGGATGGCGACCCAGA	2400	Db	11739	GRGAARACTGATCTGCCAATGGGGTACTGAATAATTAGCTGGAGATTGAG	11798
Db	10664	CAGCGGAGGGCTGGACCTTACGAGGTTGGGATGGCGACCCAGA	10723	Qy	3477	AATAAGGTTTGGCTTACCTCATGGGAACCTCTGGAAAGTCTTGTGAAATAAT	3536
Qy	2401	GAAGGCTTCAGGTAAGGGGTTCAATTAGCCAGGGCTCACTCCCTTCCAT	2460	Db	11799	AATAAGGTTTGGCTTACCTCATGGGAACCTCTGGAAAGTCTTGTGAAATAAT	11588
Db	10724	GAAGGCTTCAGGTAAGGGGTTCAATTAGCCAGGGCTCACTCCCTTCCAT	10783	Qy	3537	CCTAATAAGACCTGTAGTACTGTAATAATGAACTTAAATTATCGGGTCCCGCTTAA	3596
Qy	2461	CTCTCCGGACTCACTCCAGGGAAACGGAAACGGTCAAGTTGAAAC	2520	Db	11859	CCPAATAAGACCAAGATACTGTAATAATGAACTTAAATTATCGGGTCCCGCTTAA	11918
Db	10784	CTTCCTCGGACTACCCGAGGTTGGCCATGAGCTATGTTCCGCCAT	10843	Qy	3597	GAACCTGAGAACTTATTCCTTGTGCCCCGGTAATAATTAGCTGGATAGTAGTGTGTTA	3656
Qy	2521	GTCTCTCATCTTATCCGAGGAAATAATTCTGCCATGAGCTATGTTCCGCCAT	2580	Db	11919	GAACCTGAGAACTTATTCCTTGTGCCCCGGTAATAATTAGCTGGATAGTAGTGTGTTA	11978
Db	10844	GTCCTCATCTTATCCGAGGAAATAATTCTGCCATGAGCTATGTTCCGCCAT	10903	Qy	3657	GCTTAGGGGAAACCTTAGATAATTAAATTACCTCTCTGGATAGTAGTGTGTTA	3716
Qy	2581	CTTGATTCTTGGAAATTGAGGAACTTCTGCTAAAGGAAAGGTTGGAAAC	2640	Db	11979	GCTTAGGGGAAACCTTAGATAATTAAATTACCTCTCTGGATAGTAGTGTGTTA	12038
Db	10904	CTTGATTCTTGGAAATTGAGGAAAGGTTGGAAACGGAAAGGTTGGAAAC	10963	Qy	3717	AGAGAGCAGAAACCCATTCTGAAATTGCTTCTAGGGCTTACTGTTAAGCTTAA	3776
Qy	2641	TCACTGGGTCAACCTGAACTCTGTAATCCAGTAGGATTTCCGGGGTGG	2700	Db	12039	AGAGAGCAGAAACCCATTCTGAAATTGCTTCTAGGGCTTACTGTTAAGCTTAA	12098
Db	10964	TGAGTGGGTCAACCTGAACTCTGTAATCCAGTAGGATTTCCGGGGTGG	11023	Qy	3777	GTGGAGTTTCCATGAGGAACTGAGGGTGGCATAGGAGTGGCTGGCTGGCTT	3836
Qy	2701	CAGCGGAATCTTGGCGCTTATGACAAAGGAGGCGCTGAAACTCTCTT	2760	Db	12099	GTGGAGTTTCCATGAGGAACTGAGGGTGGCATAGGAGTGGCTGGCTGGCTT	12158
Db	11024	CAGCGGAATCTTGGCGCTTATGACAAAGGAGGCGCTGAAACTCTCTT	11083	Qy	3837	GCAGGTGTTGCTGGAGTAGAGCTGGATTTCTAGGATATCTATAAGCTTACTGAA	3896
Qy	2761	CTTGGCATGCTTGGAAACTGGCATCAAAAGGAGGCGATGCTGTTCTCG	2820	Db	12159	GCAGGTGTTGCTGGAGTAGAGCTGGATTTCTAGGATATCTATAAGCTTACTGAA	12218
Db	11084	CTTGGCATGCTTGGAAACTGGCATCAAAAGGAGGCGATGCTGTTCTCG	11143	Qy	3897	TGCAATAGTTGACTTTTACCAACCAACCCACCAACCAACCCACCAACCA	3956
Qy	2821	AGTGTATGTCATGTTTCAGCACGGGTAACTGGGAGGATGTCATCCTAT	2880	Db	12219	TGCAATAGTTGACTTTTACCAACCAACCCACCAACCAACCCACCAACCA	12278
Db	11144	AGTGTATGTCATGTTTCAGCACGGGTAACTGGGAGGATGTCATCCTAT	11203	Qy	3957	TCCAAAGCTGTAACAGAAATAATCATGGGAAAGAAGCTCCTAGCCAAAGCTGGCAA	4016
Qy	2881	TCTTTGGCTTGGCTAAACTGAGGAAAGGCTGATGCTGATGCTGATG	2940	Db	12279	TCCAAAGCTGTAACCTCTAGGATGTCATGCTGATGCTGATGCTGATG	12338
Db	11204	TCTTTGGCTTGGCTAAACTGAGGAAAGGCTGATGCTGATGCTGATG	11263	Qy	4017	GAGGATATGGCTAACAGAAATAATCATGGGAAAGAAGCTGATGAAAGAGT	4076
Qy	2941	ACCATTAAGGAAAGTATCAAGAGCTTGGCTAAAGGAAAGCTGATGCTGATG	3000	Db	12339	GAGGATATGGCTAACAGAAATAATCATGGGAAAGAAGCTGATGAAAGAGT	12398
Db	11264	ACCATTAAGGAAAGTATCAAGAGCTTGGCTAAAGGTTTATGACGCCGCT	11323	Qy	4077	CACTGCTGAAAGGAGGAAAGTTGAGTTCTAGGAACTACCTGTTGGAAAGCTA	4136
Qy	3001	ACAAAGAGGCTGGCTAAAGTGGCTTAAAGGATGAAAGGGCCCTGGACTGGGAAGT	3060	Db	12399	CACTGCTGAAAGGAGGAAAGTTGAGCTTCAAGGAAACCAACTTGTGTTGGAAAGCTA	12458
Db	11324	ACAAAGAGGCTGGCTAAAGTGGCTTAAAGGATGAAAGGGCCCT	11378	Qy	4137	TGGAGGAGGACCTTTAGTTAGTGAATGGTAGGGTGAATGGCTTCTCTGTT	4196
Qy	3061	AGATGAAGGATTTTTGAAGGTTGGCATATCTAAAGGTTTATGACGCCGCT	3120	Db	12459	TGGAGGAGGACCTTTAGTTAGTGAATGGTAGGGTGAAGACTTAATTCCTGTT	12518
Db	11379	AGATGAAGGATTTTTGAAGGTTGGCATATCTAAAGGTTTATGACGCCGCT	11438	Qy	4197	GAGACAGGAAAGTGGCTAGCTGGCAAGTCTAGGATTTGTTGGCAATTC	4256
Qy	3121	GTTGAGCTTAACTAAGGACCTTGGCTTAAGTGGCTGATGCTGATGCTG	3176	Db	12519	GAGACAGGAAAGTGGCTAGCTGGCAAGTCTAGGATTTGTTGGCAATTC	12578
Db	11439	GTTGAGCTTAACTAAGGACCTTGGCTTAAGTGGCTGATGCTGATGCTG	11498	Qy	4257	TTAATTACTGTTGAGTTGAGCTTAAAGGAGCACTTAAGGAGCACTTAAAGG	4316
Qy	3177	TTAGAGATGGTATGGGGCTTGAATCAAATACTTGTGTTTCTAGGCAA	3236	Db	12579	TTAATTACTGTTGAGCTTAAAGGAGCACTTAAAGGAGCACTTAAAGG	12635
Db	11499	TTAGAGATGGTATGGGGCTTGAATCAAATACTTGTGTTTCTAGGCAA	11558	Qy	4317	TACAGTATAAGGAACTGATCTGTAAGCTGCTGATGCTGATGCTGATGCTG	4376
Qy	3237	TCTTGTGTCATTGTTGATCTCTGTTGAACTCATGGAAATAAATGCT	3296	Db	12636	TACAGTATAAGGAACTGATCTGTAAGCTGCTGATGCTGATGCTGATGCTG	12693
Db	11559	TCTTGTGTCATTGTTGATCTCTGTTGAACTCATGGAAATAAATGCT	11618	Qy	4377	TCTTAATTAGTTCCAGTATACTCTTGAAGAAGTCAGTGTCAAGCTTATAACCT	4436
Qy	3297	ACCAAGGGAGGAACTGATGAAATACTGTTAATGAGAAAGAT	3356	Db	12696	TCTTAATTAGTTCCAGTATACTCTTGAAGAAGTCAGTGTCAAGCTTATAACCT	12755
Db	11619	ACCAAGGGAGGAACTGATGAAATACTGTTAAGGGGTTAATGAGAAAGAT	11678	Qy	4437	GTATACTGCTGCTGG-TTCCATGATTCTACTTATTAGCCTAGTTATCAGATAAA	4495
Qy	3357	GGGGTGGAGCTGGCTGGTTAAACAAACCAAGATCTGATGAGGAGTACTACAGT	3416	Db	12756	GTATACTGCTGCTGGTTAATGAGAAAGATCTGATGAGGAGTACTACAGT	12815
Db	11679	GGGGTGGAGCTGGCTGGTTAAACAAACCAAGATCTGATGAGGAGTACTACAGT	11738	Qy			







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; APPLICANT: Shenoy, Suresh
; APPLICANT: Shimbekar, Richard A
; APPLICANT: Smithson, Gleenda
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-442A
; CURRENT APPLICATION NUMBER: US/10/236,392
; CURRENT FILING DATE: 2002-09-16
; PRIORITY APPLICATION NUMBER: US09/540,763
; PRIORITY FILING DATE: 2000-03-30
; PRIORITY APPLICATION NUMBER: US60/390,155
; PRIORITY FILING DATE: 2002-06-19
; PRIORITY APPLICATION NUMBER: US09/635,949
; PRIORITY FILING DATE: 2000-08-10
; PRIORITY APPLICATION NUMBER: US60/318,765
; PRIORITY FILING DATE: 2001-09-12
; PRIORITY APPLICATION NUMBER: US60/357,303
; PRIORITY FILING DATE: 2002-02-15
; PRIORITY APPLICATION NUMBER: US60/367,753
; PRIORITY FILING DATE: 2002-03-25
; PRIORITY APPLICATION NUMBER: US60/369,479
; PRIORITY FILING DATE: 2002-04-02
; PRIORITY APPLICATION NUMBER: US09/659,634
; PRIORITY FILING DATE: 2000-09-12
; PRIORITY APPLICATION NUMBER: US60/318,120
; PRIORITY FILING DATE: 2001-09-07
; PRIORITY APPLICATION NUMBER: US60/318,130
; PRIORITY FILING DATE: 2001-09-07
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 794
; SOFTWARE: Custom
; SEQ ID NO: 11
; LENGTH: 3934
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (61)..(1111)
US-10-236-392-11

Query Match 35.6%; Score 2937; DB 13; Length 3934;
Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0
Matches 2937; Conservative 0; MiSmatches 0; Indels 0; Gaps 0

Qy 3767 GATGCGTTTCAGGTTGCTGGAGTTGGCTATGGATATCTAATAGATGCC 382
Db 996 GATGCGTTTCAGGTTGCTGGAGTTGGCTATGGATATCTAATAGATGCC 105
Qy 3827 GCTGGCTTTCAGGTTGCTGGAGTTGGCTATGGATATCTAATAGATGCC 388
Db 1056 GCTGGCTTTCAGGTTGCTGGAGTTGGCTATGGATATCTAATAGATGCC 111
Qy 3887 TTACTGTAAGGCCAATAGTGTACTTTAACCAACCAACCAACCAACCAAC 394
Db 1116 TTACTGTAAGGCCAATAGTGTACTTTAACCAACCAACCAACCAACCAAC 117
Qy 3947 GAGTGGACTCAAGCTGAACCTCTAGTGGACCTAGTGGACCTAGCCGAAAG 400
Db 1176 GCAAGTGGACTCCAGCTGAACCTCTAGTGGACCTAGCCGAAAG 123
Qy 4007 CAGTGCAGAAGGATTATGGCTAACAGATAATACTGGAGAGTGCTCCCATG 406
Db 1236 CAGTGCAGAAGGATTATGGCTAACAGATAATACTGGAGAGTGCTCCCATG 129
Qy 4067 ATTGAAAGTGTGAGAACGAAAGCTGCTGAAAGAACAAAGTTGAGT 412
Db 1296 ATTGAAAGTGTGAGAACGAAAGCTGCTGAAAGAACAAAGTTGAGT 135
Qy 4127 TGGGAAGCTATGGAGAGGACTTTAGATTAGTGAAGATGGTGGGTGAAAGACCTAA 418
Db 1356 TGGGAAGCTATGGAGAACGAAAGCTGCTGAAAGAACAAAGTTGAGT 141
Qy 4187 TTCCCTGTTGAGAACGAAAGCTGCTGAAAGAACAAAGTTGAGT 424

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Qy	5027	TAACCTGGTGAATTAAAGTGAATTTCATGGCTCATCTTTAAGCTTTACTAAAGATT	5086	Qy	6107	ACCTAAAGCACTTTATGTAGTTTTAATTAATCTTAAGATCTGGTTACGGTAACCTAAA	6166	
Db	2256	TAACCTGGTGAATTAAAGTGAATTTCATGGCTCATCTTTAAGCTTTACTAAAGATT	2315	Db	3336	ACCTAAAGCACTTTATGTAGTTTTAATTAATCTTAAGATCTGGTTACGGTAACCTAAA	3395	
Qy	5087	TTCAGCTGATGGAACTCTTACCTAGCTGTCATGATGATGATGATGATGATGAA	5146	Qy	6167	GCCTGTCTGCCAAATCCAGTGGAAACAGTCATACATGTCATTCAGTGGTTTTAGCGGCC	6226	
Db	2316	TTCAGCTGATGGAACTCTTACCTAGCTGTCATGATGATGATGATGATGATGAA	2375	Db	3396	GCCTGTCTGCCAAATCCAGTGGAAACAGTCATACATGTCATTCAGTGGTTTTAGCGGCC	3455	
Qy	5147	GAGACATTATTCATCCCTGTTGCTTAATTTATTAATGATGATGATGATGATGATGAA	5206	Qy	6227	CACTTCCAAATTCATAGGTATGACTGTGGAATACAGAAAGGACTTAACTGATTTT	6286	
Db	2376	GAGACATTATTCATCCCTGTTGCTTAATTTATTAATGATGATGATGATGATGAA	2435	Db	3456	CACTTCCAAATTCATAGGTATGACTGTGGAATACAGAAAGGACTTAACTGATTTT	3515	
Qy	5207	TAGTCTAACCATGGCTGCTATTATAGGTGCTGTTAACACAGGCTTAAGCTTAACT	5266	Qy	6287	GGAGCTGGGCACTGAGGGCTTAGGACACCCAAAGCTGTTGGAAAGGAGGGAGCTG	6346	
Db	2436	TAGTCTAACCATGGCTGCTATTATAGGTGCTGTTAACACAGGCTTAAGCTTAACT	2495	Db	3516	GGCGCTGGGCACTGAGGGCTTAGGACACCCAAAGCTGTTGGAAAGGAGGGAGCTG	3575	
Qy	5267	ATGTCATTAAGCAAACTTACCTGTTCTTCTTCTTATGATTGTTCCAAACCTTGTG	5326	Qy	6347	GGGGGTTTATGGGGAGGAGGGGGGTGTCTAGGTGTCAGCTGCTACGAGTTCGG	6406	
Db	2496	ATGTCATTAAGCAAACTTACCTGTTCTTCTTCTTATGATTGTTCCAAACCTTGTG	2555	Db	3576	GGGGGTTTATGGGGAGGAGGGGGGTGTCTAGGTGTCAGCTGCTACGAGTTCGG	3635	
Qy	5327	AAGTTTTGCAATTGGCATTTGGATTTCAGTTGCTGTTGATGTTCTATGACTTAAAC	5386	Qy	6407	GCAAACTCCAAAAGGAAAGGAAAGGAAAGGAAATTTGCTTAGAAAGGATGGGCTCCAGTGACTA	6466	
Db	2556	AAGTTTTGCAATTGGCATTTGGATTTCAGTTGCTGTTGATGTTCTATGACTTAAAC	2615	Db	3636	GCAAACTCCAAAAGGAAAGGAAAGGAAAGGAAATGCTCTTCCAGTGACTA	3695	
Qy	5387	TTTTATTCTCTGCTCTCCCTGTAATGTTCTCTCTCTCTCTCTCTCTCTCTCTCT	5446	Qy	6467	CTTTTGCATCTGTTGCTTACGGCTTCTCAGTGGCTCTCTCTCTCTCTCTCTCTCT	6586	
Db	2616	TTTTATTCTCTGCTCTCCCTGTAATGTTCTCTCTCTCTCTCTCTCTCTCTCT	2675	Db	3696	CTTTTGCATCTGTTGCTTACGGCTTCTCAGTGGCTCTCTCTCTCTCTCTCT	3755	
Qy	5447	ATCAATTCTCATACGCTTCCCTGCACTCCTGAACTCTCTTCTAGCCCTTTAGATTG	5506	Qy	6527	TTCATGTAACATCTGCTGCTGCTGCTGAAACCTGGTTTCTCAGGAAACATGCTCTTGA	6586	
Db	2676	ATCAATTCTCATACGCTTCCCTGCACTCCTGAACTCTCTTCTAGATTG	2735	Db	3756	TTCATGTAACATCTGCTGCTGCTGCTGAAACCTGGTTTCTCAGGAAACATGCTCTTGA	3815	
Qy	5507	GCACGTGAAACCCCTGCTGAAACCTGATGACCCCTCCCTCACCAGAGTCCACAG	5566	Qy	6587	TAGCTGTCAGGAAAGGGTTAGGACCAACTACAATTAACGTTGGTTGT	6635	
Db	2736	GCACGTGAAACCCCTGCTGAAACCTGATGACCCCTCCCTCACCAGAGTCCACAG	2795	Db	3816	TAGCTGTCAGGAAAGGGTTAGGACCAACTACAATTAACGTTGGTTGT	3864	
RESULT 5								
US-10-443-108-7								
; Sequence 7, Application US/10443108								
; Publication No. US2010005615A1								
; GENERAL INFORMATION:								
; APPLICANT: LI, JING								
; APPLICANT: MU, DAVID								
; APPLICANT: YANG, JIAXIN								
; TITLE OF INVENTION: AMPLIFICATION AND OVEREXPRESSION OF ONCOGENES								
; FILE REFERENCE: 38002-0049								
; CURRENT APPLICATION NUMBER: US/10-443-108								
; CURRENT FILING DATE: 2003-05-22								
; PRIOR APPLICATION NUMBER: 60/398,099								
; PRIOR FILING DATE: 2002-07-25								
; PRIOR APPLICATION NUMBER: 60/382,606								
; PRIOR FILING DATE: 2002-05-24								
; NUMBER OF SEQ ID NOS: 90								
; SOFTWARE: PatentIn Ver. 2.1								
; SEQ ID NO: 7								
; LENGTH: 3953								
; TYPE: DNA								
; ORGANISM: Homo sapiens								
; US-10-443-108-7								
Qy	5567	ACCTTTCATTTTCAGCAATTTCAGCAATTTCAGCAATTTCAGCAATTTCAGCA	5626	Query Match	22.6%	Score 1866;	DB 16;	Length 3953;
Db	2796	ACCTTTCATTTTCAGCAATTTCAGCAATTTCAGCAATTTCAGCAATTTCAGCA	2855	Best Local Similarity	99.8%	Pred. No. 0;		
Qy	5627	CACTAACAGTCATTGAGGGCTGGAGGAAGCTCCCTTTCTTGGACTCTTCTCA	5686	Matches 2396;	Conservative 0;	Mismatches 1;	Indels 5;	Gaps 3;
Db	2856	CACTAACAGTCATTGAGGGCTGGAGGAAGCTCCCTTTCTTGGACTCTTCTCA	2915					
Qy	5687	CTATGTTTCTATCCGTTCTTGGGGCAATTGTCGAAAGTCCTCTCAGGAAATTTCAGA	5746					
Db	2916	CTATGTTTCTATCCGTTCTTGGGGCAATTGTCGAAAGTCCTCTCAGGAAATTTCAGA	2975					
Qy	5747	GGAAAGAACATTATTGAGGTTCCTCTAAGTTCTGTTAGGACTATGCTCACT	5806					
Db	2976	GGAAAGAACATTATTGAGGTTCCTCTAAGTTCTGTTAGGACTATGCTCACT	3035					
Qy	5807	AAATTACAGAAAGGAGGTAGCTTAAACCTGATGATGAACTGTTAAAGCTACTATACT	5866					
Db	3036	AAATTACAGAAAGGAGGTAGCTTAAACCTGATGATGAACTGTTAAAGCTACTATACT	3095					
Qy	5867	GAAGAAAGTGTCTATTTGAACTAGGTCTTGTGAAAGTTCTGGAACTAGAC	5926					
Db	3096	GAAGAAAGTGTCTATTTGAACTAGGTCTTGTGAAAGTTCTGGAACTAGAC	3155					
Qy	5927	TTTACGTCTGTCAGTCATTTGATGATGAACTGTTAAAGCTACTATACT	5986					
Db	3156	TTTACGTCTGTCAGTCATTTGATGATGAACTGTTAAAGCTACTATACT	3215					
Qy	5987	GAAGAACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG	6046					
Db	3216	GAAGAACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG	3275					
Qy	6047	TACCTATGTTATTATGCTCTGATGATGATGAACTGTTAAAGCTACTATACT	6106					
Db	3276	TACCTATGTTATTATGCTCTGATGATGATGAACTGTTAAAGCTACTATACT	3335					



Db	3276	TTTACCTATGATTATTATCGTCTGTATCATAGTGTCTCAA	3335
Qy	6105	GGACTTAAGCACTTATGTTATTAACTTAACTGTTAGCTTAA	6164
Db	3336	GGACTTAAGCACTTATGTTATTAACTTAACTGTTAGCTTAA	3395
Qy	6165	AA 6166	
Db	3396	AA 3397	
RESULT 6			
US-0-9-91-429B-21			
Sequence 21, Application US/09971429B			
Publication No. Application US/09971429B			
GENERAL INFORMATION:			
APPLICANT: Lasek, Amy K. W.			
APPLICANT: Shylian, Andrew W.			
APPLICANT: Turner, Christopher M.			
TITLE OF INVENTION: GENES EXPRESSED IN LUNG CANCER			
FILE REFERENCE: PA-0040 US			
CURRENT APPLICATION NUMBER: US/09/971,429B			
CURRENT FILING DATE: 2001-10-04			
PRIOR APPLICATION NUMBER: 60/239,024			
PRIOR FILING DATE: 2000-04-10			
NUMBER OF SEQ ID NOS: 56			
SOFTWARE: PERL Program			
SEQ ID NO: 21			
LENGTH: 6012			
ORGANISM: Homo sapiens			
FEATURE: misc feature			
NAME/KEY: OTHER INFORMATION: Incyte ID No. US20030175704A1 1100821.1			
US-0-9-91-429B-21			
Query	Match	19.7%	Score 1626; DB 10; Length 6012;
Db	Best Local Similarity	99.7%	Score 1626; DB 10; Length 6012;
Db	Matches 2398; Conservative	0; Mismatches 1; Indels 7; Gaps 5;	
Qy	3767	GGATCGGTGTTGCTGGAGTTCTCCATGTAAGGGACTTAGAAGGTGGCATCGGAATGTCGT	3826
Db	1149	GGATCGGTGTTGCTGGAGTTCTCCATGTAAGGGACTTAGAAGGTGGCATCGGAATGTCGT	1208
Qy	3827	GCTGCCTTTGCACTGTTGCTGGATAGAGCTGGTTCGATCATCTATAAGATAGCC	3895
Db	1209	GCTGCCTTTGCACTGTTGCTGGATAGAGCTGGTTCGATCATCTATAAGATAGCC	1268
Qy	3887	TTACTGTACTGCAATAGTGTACTTAAACCAACCAACCAACCAACCGTTAT	3945
Db	1269	TTACTGTACTGCAATAGTGTACTTAAACCAACCAACCAACCAACCGTTAT	1328
Qy	3947	GCACTTGGACTCCAGCTGTAACCTCTAGAAGTGTGCACTTAAACCAACCAACCGTTAT	4006
Db	1329	GCACTTGGACTCCAGCTGTAACCTCTAGAAGTGTGCACTTAAACCAACCAACCAACCGTTAT	1388
Qy	4007	CAAGTGGCAGGAGGTTATGCTTAACTAAGTGGAAAGCTCCCATG	4066
Db	1389	CAAGTGGCAGGAGGTTATGCTTAACTAAGTGGAAAGCTCCCATG	1448
Qy	4067	ATTGAGAGTACTCTGAAAGCAAGTGTGCACTTAACTAAGTGGAAAGCTAA	4126
Db	1449	ATTGAGAGTACTCTGAAAGCAAGTGTGCACTTAACTAAGTGGAAAGCTAA	1508
Qy	4127	TGGGAAAGCTATGGGAAAGCAAGTGTGCACTTAACTAAGTGGAAAGCTAA	4186
Db	1509	TGGGAAAGCTATGGGAAAGCAAGTGTGCACTTAACTAAGTGGAAAGCTAA	1568
Qy	4187	TTTCCTTGTGAAAGCAAGGAAAGTGGCCCATGCAAGCTCATAGATTGATTACCC	4246
Db	1569	TTTCCTTGTGAAAGCAAGGAAAGTGGCCCATGCAAGCTCATAGATTGATTACCC	1628
Qy	5225	GCAAGTPTTT-GCATGTTGATTCACTGCTTGTGTTCTATCATGTTCTACGACCT	5324
Db	5265	GATGTCATAAAAGCAAAACTCTACTTACCTGTTGTTCTATTAATGATGCTTCAACCTGTT	5324
Db	5264	GATGTCATAAAAGCAAAACTCTACTTACCTGTTGTTCTATTAATGATGCTTCAACCTGTT	2705
Qy	5325	GCAAGTPTTT-GCATGTTGATTCACTGCTTGTGTTCTATCATGTTCTACGACCT	5324

RESULTS 7  
 US-10-002-6004-43  
 Sequence 43 , Application US/10002600  
 Publication No. US2002013707A1  
 GENERAL INFORMATION:  
 1 APPLICANT: Hopkins, Christopher M.  
 1 APPLICANT: Peterson, David P.  
 1 APPLICANT: Cocks, Benjamin G.  
 1 APPLICANT: Hawkins, Phillip R.  
 1 TITLE OF INVENTION: GENES REGULATED IN ACTIVATED T CELLS  
 1 FILE REFERENCE: PA-0042 US  
 1 CURRENT APPLICATION NUMBER: US10/002,600  
 1 CURRENT FILING DATE: 2001-10-25  
 1 PRIOR APPLICATION NUMBER: 60/243,521  
 ; PRIORITY: 2000-10-25  
 ; NUMBER OF SEQ ID NOS: 116  
 ; SOFTWARE: PERL Program  
 ; SEQ ID NO: 43  
 ; LENGTH: 6012  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; FEATURE: misc feature  
 ; NAME/KEY: misc feature  
 ; OTHER INFORMATION: Template ID: 1100821.1  
 ; US-10-002-6004-43

Query Match	Score 19.7*	DB 14;	Length 6012;
Best Local Similarity	99.7*	Prod. No. 0;	
Matches 2336;	Conservative	0; Mismatches	1; Indels 7;
Qy	3767	GGATGGGTTGGGAGGTTCCATGAGAGGAGCTGAAGCTGGATCAGGATGGCT	3826
Db	1149	GGATGGGTTGGGAGGAGCTGAAGCTGGATCAGGATGGCT	1208
Qy	3827	GCTGGCTTTCGAGGTTGGGAGTGGAGGTGGTTGGCATATCTAATAGATACCC	3886
Db	1209	GCTGGCTTTCGAGGTTGGGAGTGGAGGTGGTTGGCATATCTAATAGATAGCC	1268
Qy	3887	TTCATGTAATGCGCATAGTTGACTTTAACCAACCAACCAAAACAGTTAT	3946
Db	1269	TTCATGTAATGCGCATAGTTGACTTTAACCAACCAACCAAAACAGTTAT	1328
Qy	3947	GCAGCTGGACTCAAGGTTGTAACTTCCTAGCTAGTTGCTGCCCTATTG	4006
Db	1329	GCAGCTGGACTTCAGCTGTTGCTGCCCTATTGCTAGCTAGAAAG	1388
Qy	4007	CAAGTGGCAGAGCATATGGCTAACAGATAATATCATGGAAAGTGTGCTCCATTG	4066
Db	1389	CAAGTGGCAGAGCATATGGCTAACAGATAATATCATGGAAAGTGTGCTCCATTG	1448
Qy	4067	ATTGAAAGACTCACTGTCGAAGGAAAGTCAAGTGGGACTCTTAACTTGT	4126
Db	1449	ATTGAAAGACTCACTGTCGAAGGAAAGTCAAGTGGGACTCTTAACTTGT	1508
Qy	4127	TGGGAGCTTGGGAGACTTTAGTGAATGTTAGTGAATGTTAGTGAATGCTAA	4186
Db	1509	TGGGAGCTTGGGAGACTTTAGTGAATGTTAGTGAATGTTAGTGAATGCTAA	1568
Qy	4187	TTTCCTGTGAGAACAGGAAGTGGCAGTAGCCAAAGTCATAAGAATTGATCC	4246
Db	1569	TTTCCTGTGAGAACAGGAAGTGGCAGTAGCCAAAGTCATAAGAATTGATCC	1628
Qy	4247	GGCGAAATTCAATTATTACTGTAGTGTAGTTAGAGAGGCACTAAGATGCCAGTGACCT	4306
Db	1629	GGCGAAATTCAATTATTACTGTAGTGTAGTTAGAGAGGCACTAAGATGCCAGTGACCT	1685
Qy	4307	GTGTAAAACTTACAGTATAGACTGACTGTTAGCTTAACTGTTAGCTTAA	4366
Db	1686	GTGTAAAACTTACAGTATAGACTGACTGTTAGCTTAACTGTTAGCTTAA	1745
Qy	4367	TTTCCTCTCTCTTAATAGCTTGTAGAAAGTCAGTTGCTCAAGGAGG	4426
Db	1746	TTTCCTCTCTCTCTTAATAGCTTGTAGAAAGTCAGTTGCTCAAGGAGG	1805
Qy	4427	TTTATACCTGTATACTTGTGCTTACTTGTGCTTACTTGTGCTTACTTGTGCTT	4485
Db	1806	TTTATACCTGTATACTTGTGCTTACTTGTGCTTACTTGTGCTTACTTGTGCTT	1865
Qy	4486	TCACCAATAATACTGAGGAAAGCTCAGTAATTAGTTGATATACTCTCAATT	4545
Db	1866	TCACCAATAATACTGAGGAAAGCTCAGTAATTAGTTGATATACTCTCAATT	1925
Qy	4546	CTTAAGGAGCTGCTGTAATGTTAGTTAGTAAATTGTTAGAAGTGTATT	4605
Db	1926	CTTAAGGAGCTGCTGTAATGTTAGTAAATTGTTAGAAGTGTATT	1985
Qy	4606	TCCCTGAAACGAAAGGAAAGTATGCTAAATTTCATAGTTGAACTTT	4665

Db	1986	TCTTGAACGAGGATCGAATTACATTGTTTCAACCCCTTGAACCTT 2045	Db	3066	TCAACTATTGTTTATCCTGCTTGGGCAATGTGTCAAAAGTCCCTCAGGAATTCT 3125
Qy	4666	GCAACTTCCTTAATTAGGAACCTGTTCTTACAGTTTCTACTCTAACTTCTG 4725	Qy	5743	CGAGGGAAAGAACATTATGAGGCTTCTCTAACTTCTCTGATAAGGATATGGATGCTC 5802
Db	2046	GCAACTTCCTTAATTAGGAACCTGTTCTTACAGTTTCTACTCTAACTTCTG 2105	Db	3126	CGAGGGAAAGAACATTATGAGGCTTCTCTGATAAGGATATGGATGCTC 3185
Qy	4726	TCAAGTCTAGTGTATAAGAACGAAATCTGTTACTGTGAGTGTAGT 4785	Qy	5803	ACTTAATTACAGAAAGACTGACCTGTTAAACTCAGAGTTAAAGCTACTGATA 5862
Db	2106	TCAAGTCTAGTGTATAAGAACGAAATCTGTTACTGTGAGTGTAGT 2165	Db	3186	ACTTAATTACAGAAAGACTGACCTGTTAACTCAGAGTTAAAGCTACTGATA 3245
Qy	4786	GGAACTAACTGATAACTAACGAGTTAAATTCTTACTGTTAGTATCTC 4845	Qy	5863	AACTGAGAAAGTGTCTATATGGACTGATTGAAAGCTCAGTCGCGAACAT 5922
Db	2166	GGAACTAACTGATAACTAACGAGTTAAATTCTTACTGTTAGTATCTC 2225	Db	3246	AACTGAGAAAGTGTCTATATGGACTGATTGAAAGCTCAGTCGCGAACAT 3305
Qy	4846	TTAGATAGG-TTTCCTTGAACCTGGATTGAGGGTGTAGAACTCTCA 4904	Qy	5923	GACCTTGTACTGTGACTCAATTAAATAGTGTAAAGTGAATAGATGTA 5982
Db	2226	TTAGATAGGTTTCTTGAACCTGGATTGAGGGTGTAGAACTCTCA 2285	Db	3306	GACCTTGTACTGTGACTCAATTAAATAGTGTAAAGTGAATAGATGTA 6012
Qy	4905	CTTCATTATATGCAAGTTCAATTATTGCTTAAGGTTTAAGGTACTGTA 4964	Qy	5983	TGGGAGAACTGCCCCTGCCCCTCAGGCAATAAGCTCATCTTGTAGCTA 6042
Db	2286	CTTCATTATATGCAAGTTCAATTATTGCTTAAGGTTTAAGGTACTGTA 2345	Db	3366	TGGGAGAACTGCCCCTGCCCCTCAGGCAATAAGCTCATCTTGTAGCTA 3425
Qy	4965	CTTACAAATAATGGGTCTGATTGGCAATACTCATTTGAGTTCTTCATTGACCTA 5024	Db	3403	TTTTTACCTAATGTTATCGTCTGATCATAAAGGCTATTATATCATGTA 6102
Db	2346	CTTACAAATAATGGGTCTGATTGGCAATACTCATTTGAGTTCTTCATTGACCTA 2405	Db	3426	TTTTTACCTAATGTTATCGTCTGATCATAAAGGCTATTATATCATGTA 3485
Qy	5025	TTTAACTGCGTAAATTAAAGTCAATTGATTCACTGGGTCAATTTAAAGA 5084	Qy	6103	AAGGACCTAAAGCACTTATGTTTAATTATCTTAAGATGTGTTACGAACT 6162
Db	2406	TTTAACTGCGTAAATTAAAGTCAATTGATTCACTGGGTCAATTTAAAGA 2465	Db	3486	AGGAGCTTAAAGCCTTATGTTTAATTATCTTAAGATGTGTTACGAACT 3545
Qy	5085	TTTCAGCGTATGGAACTTCAATTCACTGTTGCAATTCACTGAGT 5144	Qy	6163	AAAA 6166
Db	2466	TTTCAGCGTATGGAACTTCAATTCACTGTTGCAATTCACTGAGT 2525	Db	3546	AAA 3549
Qy	5145	GAGAGCATTTGTTGATCCCTGTTGCTTAATAAATGATGCTGAAAGAG 5204	RESULT 8		
Db	2526	GAGAGCATTTGATCCCTGTTGCTTATAAATGATGGCTTGGAAAGAG 2585	US-10-085-117-269		
Qy	5205	GCTAGCTAACATGGTGTATTAGGCTGTTGCTTACACAGCTTAAGCTA 5264	Sequence 269, Application US/10085117		
Db	2586	GCTAGCTAACATGGTGTATTAGGCTGTTGCTTACACAGCTTAAGCTA 2645	Publication No. US20030232341		
Qy	5265	GTAGTCATAAAAGCAAAACTTACTGTTGCTTCTATAAATGATGGCTTGGAAAGAG 5324	GENERAL INFORMATION:		
Db	2646	GTAGTCATAAAAGCAAAACTTACTGTTGCTTCTATAAATGATGGCTTGGAAAGAG 2705	APPLICANT: Morris, David W.		
Qy	5325	GCAAGTTT-GCAT-GCATTTGGATTCTAGTTGCTTCTATAAATGATGGCTTGGAAAGAG 5382	INVENTION: NOVEL COMPOSITIONS AND METHODS FOR CANCER		
Db	2706	GCAAGTTT-GCAT-GCATTTGGATTCTAGTTGCTTCTATAAATGATGGCTTGGAAAGAG 2765	FILE REFERENCE: S2945200121		
Qy	5383	AACCTTTATTCCTGCTCCTCCCTGAAATTGCTGATGTTCTCTACAGATA 5442	CURRENT APPLICATION NUMBER: US/10/085, 117		
Db	2766	AACCTTTATTCCTGCTCCTCCCTGAAATTGCTGATGTTCTCTACAGATA 2825	CURRENT FILING DATE: 2002-02-27		
Qy	5443	TTATATCAATTCTACAGCTTCCCTGAAATTGCTGATGTTCTCTACAGATA 5502	PRIOR APPLICATION NUMBER: US 09/798, 586		
Db	2826	TTATATCAATTCTACAGCTTCCCTGAAATTGCTGATGTTCTCTACAGATA 2885	PRIOR FILING DATE: 2001-03-02		
Qy	5503	TTGGGACTGTGAAACCCCTCTGGAAACCTGAGTCCACTCCCTCCACAGAGTC 5562	NUMBER OF SEQ ID NOS: 361		
Db	2886	TTGGGACTGTGAAACCCCTCTGGAAACCTGAGTCCACTCCCTCCACAGAGTC 2945	SOFTWARE: FastSEQ for Windows Version 4.0		
Qy	5563	ACAGACCTTCATCTACAGCTTCAAGAACCTGATCTGTTGAGCTGTTAATACCCTGGTCT 5622	SEQ ID NO: 269		
Db	2946	ACAGACCTTCATCTACAGCTTCAAGAACCTGATCTGTTGAGCTGTTAATACCCTGGTCT 3005	LENGTH: 2430		
Qy	5623	GTGACACTAACGTCATTGAGGCTGGAAAGTCCCTTCCCTGAAACCTGATCTT 5682	TYPE: DNA		
Db	3006	GTGACACTAACGTCATTGAGGCTGGAAAGTCCCTTCCCTGAAACCTGATCTT 3065	ORGANISM: Homo sapiens		
Qy	5683	TCAACTATTGTTATCCTGAAACTCTGTTGGGCAATGTGTAAGAATTCT 5742	US-10-085-117-269		

Query Match Similarity 17.4%; Score 1434; DB 16; Length 2430;  
 Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;  
 Matches 1434; Conservative 0;

3767 GATGGCTTTGGATGCTTCATAGGACCTAGAGGTGGCATAGGAATGTGCT 3826  
 985 GATGGGTTGGATGCTTCATAGGACCTAGAGGTGGCATAGGAATGTGCT 1044  
 3827 GATGGCTTTGGATGCTTCATAGGACCTAGAGGTGGCATAGGAATGTGCT 3886  
 1045 GATGGCTTTGGATGCTTCATAGGACCTAGAGGTGGCATAGGAATGTGCT 1104  
 3887 TACTGTAAGTGCATAAGTGTACTTAACTCAACCCACCAAAACCACTTAT 3946  
 1105 TACTGTAAGTGCATAAGTGTACTTAACTCAACCCACCAAAACCACTTAT 1164  
 3947 GCACTTGAGCTCCAACTGTAACCTCTAGGTTGACCTAGCCAGAAAAG 4006

Db	1165	GCAGTTGGCTCAGCTTAACCTCCCTAAGTTGACCCCTAGCAACCTGGAAAAG	1224	Db	2245	TAACGTGGTAAATTAAAGTGAATTTCATGGCTTACTCTTAAGTTTACTAAAGATT	2304
Qy	4007	CAACTGGCAAGGAAATTGGTAAACAGAAATAATAGGAAAGCTTGTGCTCCATTG	4066	Qy	5087	TTCAGCTGAACTTCATTAGCTGTGTCATATAAGATCACTAGGTGGATGGA	5146
Db	1225	CAACTGGCAAGGAAATTGGTAAACAGAAATAATAGGAAAGCTTGTGCTCCATTG	1284	Db	2305	TTCAGCTGAACTTCATTAGCTGTGTCATATAAGATCACTAGGTGGATGGA	2364
Qy	4057	ATTGAAAGACTCACTGTCAGGAAAGCTTCAAGAACAAACACTTGT	4126	Qy	5147	GAGACATTGATCCCTGTGCTTAAATATAATGATGCGTTGAAA	5200
Db	1285	ATTGAAAGACTCACTGTCAGGAAAGCTTCAAGAACAAACACTTGT	1344	Db	2365	GAGACATTGATCCCTGTGCTTAAATATAATGATGCGTTGAAA	2418
Qy	4127	TGGAAAGCTATGGGACGAACTTGTGATTAGTGAATGGTGGTGGAAAGACTAA	4186	RESULT 9			
Db	1345	TGGAAAGCTATGGGACGAACTTGTGATTAGTGAATGGTGGTGGAAAGACTAA	1404	US-10-247-671-28			
Qy	4187	TTCCTCTTGTGAAACACAAATGGCCAGTGGCCAGCTAACCTGGATACCC	4246	/ Sequence 28, Application US/10247671			
Db	1405	TTCCTCTTGTGAAACACAAATGGCCAGTGGCCAGCTAACCTGGATACCC	1464	/ GENERAL INFORMATION			
Qy	4247	GCCCCAAATTAAATTACTGTGATGTTAGTGAAGACAACTAAGATGCCAGTACCT	4306	/ APPLICANT: Mikita, Thomas			
Db	1465	GCCCCAAATTAAATTACTGTGATGTTAGTGAAGACAACTAAGATGCCAGTACCT	1524	/ SHiffman, Dov			
Qy	4307	GTTAAAACTTACAGTAACTAGTAACTGACTGTAAGCTCAGTAAAGGAAAGC	4366	/ APPLICANT: Porter, Gordon, J.			
Db	1525	GTTAAAACTTACAGTAACTAGTAACTGACTGTAAGCTCAGTAAAGGAAAGC	1584	/ APPLICANT: Kaser, Matthew R.			
Qy	4367	TTTCCTCTCTTAATTACCTTCCAGATACTCTTAAGAAGTCCAAAGTGTCAAGAC	4426	/ TITLE OF INVENTION: GENES EXPRESSED IN TREATED FOAM CELLS			
Db	1585	TTTCCTCTCTCTTAATTACCTTCCAGATACTCTTAAGAAGTCCAAAGTGTCAAGAC	1644	/ FILE REFERENCE: PA-0050 US			
Qy	4427	TTTATACTCTGTATACTCTGGCTTCCATGATTCTACTTTTAAAGTCCAGGTTT	4486	/ CURRENT APPLICATION NUMBER: US/10/247, 671			
Db	1645	TTTATACTCTGTATACTCTGGCTTCCATGATTCTACTTTAAAGTCCAGGTTT	1704	/ PRIORITY FILING DATE: 2001-09-18			
Qy	4487	CACCAATAACTCTGAACTTGGATATGGTAACTTGGTCAATTCTCATTCT	4546	/ PRIOR APPLICATION NUMBER: 60/323, 784			
Db	1705	CACCAATAACTCTGAACTTGGATATGGTAACTTGGTCAATTCTCATTCT	1764	/ NUMBER OF SEQ ID NOS: 186			
Qy	4547	TTAAGACACCTGTAAATTATTTAGTAAATTTAGTAAATTTAGTAAATTTAGTAA	4606	/ SOFTWARE: PERL Program			
Db	1765	TTAAGACACCTGTAAATTATTTAGTAAATTTAGTAAATTTAGTAAATTTAGTAA	1824	/ SEQ ID NO: 28			
Qy	4607	CCTTGAAACCGAAAGCTGAACTTGTAACTTGTAACTTGTAACTTGTAACTTGT	4666	/ LENGTH: 2875			
Db	1825	CCTTGAAACCGAAAGCTGAACTTGTAACTTGTAACTTGTAACTTGTAACTTGT	1884	/ TYPE: DNA			
Qy	4667	CAACTTCCTGAAATTAGGAACTCTTCTACAGCTTTCTATGCAACTTGTGCT	4726	/ ORGANISM: Homo sapiens			
Db	1885	CAACTTCCTGAAATTAGGAACTCTTCTACAGCTTTCTATGCAACTTGTGCT	1944	/ FEATURE:			
Qy	4727	CAGTCTGAGCTTACAGAAAGCTGAACTTGTAACTTGTAACTTGTAACTTGT	4786	/ NAME/KEY: misc_feature			
Db	1945	CAGTCTGAGCTTACAGAAAGCTGAACTTGTAACTTGTAACTTGTAACTTGT	2004	/ OTHER INFORMATION: Incyte ID No. US20030194721A1 1842870CB1			
Qy	4787	GAACAAATTGTAACTATGCACTTGTAACTTGTAACTTGTAACTTGTAACTTGT	4846	/ US-10-247-671-28			
Db	2005	GAACAAATTGTAACTATGCACTTGTAACTTGTAACTTGTAACTTGTAACTTGT	2064	Query Match	16.3%	Score 1344;	DB 15;
Qy	4847	TAGATAGGTTCTGTTGAAACCTGGATAGGTTGATGAAATTCTTGT	4906	Best Local Similarity	99.7%	Pred. No. 0;	Length 2875;
Db	2065	TAGATAGGTTCTGTTGAAACCTGGATAGGTTGATGAAATTCTTGT	2124	Matches 1874;	Conservative 0;	Mismatches 1;	Indels 5;
Qy	4907	TCATTTATCRAAGTTCAATTAGCTTAACTGCGTTAACTGCGTTAACTG	4966	Gaps 3;			
Db	2125	TCATTTATCRAAGTTCAATTAGCTTAACTGCGTTAACTGCGTTAACTG	2184	Qy	5087	TTCAGCTGAACTTCATTAGCTGTGAACTTGTGCTTACTGCTTGTGCT	4006
Qy	4967	TACATAATAAGCTGGCTCTGATTGGGCAATATTCTATTGAGTTGACCTT	5026	Db	1179	GGATGCTGACTCCAGCTGACTCTGACTCTGACTCTGACTCTGACTCTG	1238
Db	2185	TACATAATAAGCTGGCTCTGATTGGGCAATATTCTATTGAGTTGACCTT	2244	Qy	4007	CAAGTGGCACAGGATTATGGCTAACAGATAATCATGGAGAGTGTCCATTG	4066
Qy	5027	TAACGTGTTAAATTAAAGTGAATTCACTGGCICATCTTTAAAGCTTTAACAAAGATT	5086	Db	1239	CAAGTGGCACAGGATTATGGCTAACAGATAATCATGGAGAGTGTCCATTG	1298
Db			Qy	4127	TGGGAGCTATGGAGGAGCTTGTGATTAGTGAAGTGTGAAAGCTTAA	4186	
Qy			Db	1359	TGGGAGCTATGGAGGAGCTTGTGATTAGTGAAGTGTGAAAGACTTAA	1418	
Db			Qy	4187	TTTCCTTGTGAGAACAGGAAGCTGCCAGTAGCCAGGCTAGTACCTG	4246	
Qy			Db	1419	TTTCCTTGTGAGAACAGGAAGCTGCCAGTAGCCAGGCTAGTACCTG	1478	



Qy	2087	TGCCCCAAAGGGAGCTGGAAGGTAGAGCGGGAGCTCTGGAAAGGGCGGTGTC	2148
Db	3 61	TGCCCCAAAGGGAGCTGGAAGGTAGAGCGGGAGCTCTGGAAAGGGCGGTGTC	420
Qy	2147	CTGCCGTGCGGGAGATGGTGTCTCGGGAAATCTGTAAACACCGTAAAGA	2206
Db	4 21	CTGCCGTGCGGGAGATGGTGTCTCGGGAAATCTGTAAACACCGTAAAGA	480
Qy	2207	CCCTCGACGCCCGCCAGCAGAGGGAGGGAGGGAGGGAGGGAGGGAGG	2266
Db	4 81	CCCTCGACGCCCGCCAGCAGAGGGAGGGAGGGAGGGAGGGAGG	540
Qy	2267	ATTATCTCGGTACCTTGGAGACGCCACCCGGCCAAAGCACRAAGCC	2326
Db	5 41	ATTATCTCGGTACCTTGGAGACGCCACCCGGCCAAAGCACRAAGCC	600
Qy	2327	AGGTCTGGGGCAACCGACGAGAAAGCTGGAGACCTTACGAGGGATGGGTG	2386
Db	6 01	AGGTCTGGGGCAACCGACGAGAAAGCTGGAGACCTTACGAGGGATGGGTG	660
Qy	2387	CAGCGGGAAACCGAGAGGG	2405
Db	6 61	CAGCGGGAAACCGAGAGGG	679

RESULT: 11  
US-09-795-692-8824/C  
; Sequence 8824, Application US/09796692  
; Publication No. US20020193362A1  
; GENERAL INFORMATION:  
; APPLICANT: Gaiger, Alexander  
; APPLICANT: Alagte, Paul A.  
; APPLICANT: Mannion, Jane





PRIOR APPLICATION NUMBER: 60/190,479  
 PRIOR FILING DATE: 2000-03-17  
 PRIOR APPLICATION NUMBER: 60/200,545  
 PRIOR FILING DATE: 2000-04-27  
 PRIOR APPLICATION NUMBER: 60/200,303  
 PRIOR FILING DATE: 2000-04-28  
 PRIOR APPLICATION NUMBER: 60/200,779  
 PRIOR FILING DATE: 2000-04-28  
 PRIOR APPLICATION NUMBER: 60/200,999  
 PRIOR FILING DATE: 2000-05-01  
 PRIOR APPLICATION NUMBER: 60/202,084  
 PRIOR FILING DATE: 2000-05-04  
 PRIOR APPLICATION NUMBER: 60/206,201  
 PRIOR FILING DATE: 2000-05-22  
 PRIOR APPLICATION NUMBER: 60/218,950  
 PRIOR FILING DATE: 2000-07-14  
 PRIOR APPLICATION NUMBER: 60/222,903  
 PRIOR FILING DATE: 2000-08-03  
 PRIOR APPLICATION NUMBER: 60/223,416  
 PRIOR FILING DATE: 2000-08-04  
 PRIOR APPLICATION NUMBER: 60/223,378  
 PRIOR FILING DATE: 2000-08-07  
 NUMBER OF SEQ ID NOS: 9597  
 SOFTWARE: FastSEQ for Windows Version  
 SEQ ID NO: 9029  
 LENGTH: 576  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 1-09-796-692-9029

Query Match 4.9%; Score 99.7%; Pred. 0; Mis. 0  
 Best Local Similarity 99.7%; Conservative 0; Mis. 0  
 Matches 574; /

4517 ATTAGTTGAAATGATGATCCCTCA  
 576 ATTGTATGATATGATATGATATCCTCA  
 576 ATTGTATATTTTACAGAAAAGTT  
 516 ATTGTATATTTTACAGAAAAGTT  
 4537 TTAGTTTTTTCATACCCCTTTGAC  
 456 TTAGTTTTTTCATACCCCTTTGAC  
 4637 CAGCTTCTCTATGTAACCTTGTC  
 396 CAGCTTCTCTATGTCACACTTGTC  
 4757 TGTGTAACCTGTATGCCGACTGGTTG  
 336 TGTGTAACCTGTATGCCGACTGGTTG  
 4817 TTTCCTATCTATCTGATTTGCTAACATT  
 276 TTTCCTATCTATCTGATTTGCTAACATT  
 4876 TGAAGCTTGTGAAATGGAATTTCT  
 216 TGAAGCTTGTGAAATGGAATTTCT  
 4936 TCTAAGCTGGAGTTTAAAGTTACTA  
 156 TCTAAGCTGGAGTTTAAAGTTACTA  
 4996 CTCATTTGAGTTCCCTCCATTGAC  
 96 CTCATTTGAGTTCCCTCCATTGAC  
 5056 GCTCACTTTAAAGCTTACTA  
 36 GCTCACTTTAAAGCTTACTA

Search completed: May 3, 2004, 22:28:28  
Job time : 2110 secs





QY 6287 GGGCTTGGCAGTGGGCTTAGGACACCCAACTGGTTGGAAAGGGAGGAGTC 6346 ; LOCATION: 61..1110 ;  
 Db 3516 GGGCTTGGCAGTGGGCTTAGGACACCCAACTGGTTGGAAAGGGAGGAGTC 3575 ; OTHER INFORMATION: /note= "When nucleotide 740 = C,  
 Db 3576 GGGGTTTATAGGGGGAGGGAGGGAGGGAGGGAGGGAGGGAGTC 6406 ; amino acid 227 = A; when nucleotide 740 = T, amino  
 Db 3635 GGGGTTTATAGGGGGAGGGAGGGAGGGAGGGAGGGAGGGAGTC 6466 ; OTHER INFORMATION: acid 227 = V."  
 QY US-08-077-848A-1 ;  
 Query Match 34..111 Score 2818; DB 1; Length 3946;  
 Best Local Similarity 100.0%; Pred. No. 0; Mismatches 1; Indels 0; Gaps 0;  
 Matches 2868; Conservative 0;  
 QY 37767 GGATGGGTTTGTGAGGCTTCCTCATGTAGAGGACCTAGAAGGTGGCATGGATGTGCT 3826  
 Db 996 GGATGGGTTTGTGAGGCTTCCTCATGTAGAGGACCTAGAAGGTGGCATGGATGTGCT 1055  
 QY 3827 GCTGGCTTTGCAAGGTTGCTCGAGTAGGAGCTGTTGGCATATTAATAGATAGGCC 3886  
 Db 1056 GCTGGCTTTGCAAGGTTGCTCGAGTAGGAGCTGTTGGCATATTAATAGATAGGCC 1115  
 QY 3887 TTAATGTAATGTAATGTTGCTTAACCCACCCACCCACAAACCAAGTTAT 3946  
 Db 1116 TTAATGTAATGTAATGTTGCTTAACCCACCCACCCACAAACCAAGTTAT 1175  
 QY 3947 GGAGTTGCACTCAAGGTTAACAGCTGTAACTTTGAACCTTGCATTTCTGGTT 6586  
 Db 1176 GGAGTTGCACTCAAGGTTAACAGCTGTAACTTTGAACCTTGCATTTCTGGTT 6646  
 QY 4007 CAACTGGCAAGGGATTATGGCTAACAGAAATAATCATGGAAAGGTGGTCCCTATG 4066  
 Db 1236 CAACTGGCAAGGGATTATGGCTAACAGAAATAATCATGGAAAGGTGGTCCCTATG 3932  
 QY 4067 ATTGAAGAGTCACTGTGAAAGGAAGTTCAGTTACCAACAAACAAACTTGT 4126  
 Db 1296 ATTGAAGAGTCACTGTGAAAGGAAGTTCAGTTACCAACAAACAAACTTGT 1295  
 QY 4127 TGCGAAGCTATGGAGGACCTTAAATTATGTAAGGAGATGTGGTGGAAAGACTAA 4186  
 Db 1356 TGCGAAGCTATGGAGGACCTTAAATTATGTAAGGAGATGTGGTGGAAAGACTAA 1415  
 QY 4187 TTTCCTGTGAGAACGAAAGTGGCAAGTCCAGTCATGAATGATGATGCC 4246  
 Db 1416 TTTCCTGTGAGAACGAAAGTGGCAAGTCCAGTCATGAATGATGATGCC 1475  
 QY 4247 GCCGAATCTAAATTACTGTAAGCTTAAGAGGACTAAAGATGCGATGTGCT 4306  
 Db 1476 GCCGAATCTAAATTACTGTAAGCTTAAGAGGACTAAAGATGCGATGTGCT 1535  
 QY 4307 GTGAAAGTTAACGATAAGCTGTAAGCTGTAAGGAGCTAAGGAGACTAAGGAGC 4366  
 Db 1536 GTGAAAGTTAACGATAAGCTGTAAGGAGCTAAGGAGACTAAGGAGC 1595  
 QY 4367 TTTCCTCTCTTAATTAGCTTCCAGTATCTTCAAGTGTAACTGTAAGGAGC 4426  
 Db 1596 TTTCCTCTCTTAATTAGCTTCCAGTATCTTCAAGTGTAACTGTAAGGAGC 1655  
 QY 4427 TTTCATCCCTCTTAATTAGCTTCCAGTATCTTCAAGTGTAACTGTAAGGAGC 4486  
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 QY 4487 CACCRATAACTGTGTTATCTGTTGTTCCATGATTTAGCTTAGTT 4546  
 Db 1776 TTAAGACAGCTGTTGTTCCATGATTTAGCTTAGTT 1835  
 QY 4607 CCTGAAAGGAAAGTACATTAGTTGAAATTGTTGACTCTTGCATTTG 4666  
 Db 1836 CCTGAAAGGAAAGTACATTAGTTGAAATTGTTGACTCTTGCATTTG 1895  
 QY 4667 CAACTCCGTTATTAGAACCTGTTCTAGCTTCTACCTTCTATGTTCTGTT 4726  
 Db 1896 CAACTCCGTTATTAGAACCTGTTCTAGCTTCTACCTTCTATGTTCTGTT 1955

RESULT 2  
 US-08-077-848A-1  
 / Sequence 1, Application US/08077848A  
 / Patent No. 5410955  
 / GENERAL INFORMATION:  
 / APPLICANT: Craig, Ruth W.  
 / TITLE OF INVENTION: ANTIBODIES WHICH SPECIFICALLY BIND mcl-1  
 / TITLE OF INVENTION: POLYPEPTIDE  
 / NUMBER OF SEQUENCES: 4  
 / CORRESPONDENCE ADDRESS:  
 / STREET: Spensley Horn Jubas & Lubitz  
 / CITY: Los Angeles  
 / STATE: California  
 / COUNTRY: USA  
 / ZIP: 90067  
 / COMPUTER READABLE FORM:  
 / MEDIUM TYPE: Floppy disk  
 / COMPUTER: IBM PC compatible  
 / OPERATING SYSTEM: PC-DOS/MS-DOS  
 / SOFTWARE: PatentIn Release #1.0, Version #1.25  
 / CURRENT APPLICATION DATA:  
 / APPLICATION NUMBER: US/08/077,848A  
 / FILING DATE: 16-JUN-1993  
 / CLASSIFICATION: 424  
 / ATTORNEY/AGENT INFORMATION:  
 / NAME: Haile, Ph.D., Lisa A.  
 / REGISTRATION NUMBER: 38..347  
 / TELECOMMUNICATION INFORMATION:  
 / TELEPHONE: (619) 455-5100  
 / TELEFAX: (619) 455-5110  
 / INFORMATION FOR SEQ ID NO: 1:  
 / SEQUENCE CHARACTERISTICS:  
 / LENGTH: 3946 base pairs  
 / TYPE: nucleic acid  
 / STRANDEDNESS: single  
 / TOPOLOGY: linear  
 / MOLECULE TYPE: DNA (genomic)  
 / IMMEDIATE SOURCE:  
 / CLONE: mcl-1  
 / FEATURE: CDS  
 / NAME/KEY: CDS



COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/211,640  
 FILING DATE: 08/09/211,640  
 CLASSIFICATION:  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: 08/441,375  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Hale, Ph.D., Lisa A.  
 REGISTRATION NUMBER: 38,347  
 REFERENCE/DOCKET NUMBER: PD-2845  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (619) 455-5100  
 TELEFAX: (619) 455-5110  
 INFORMATION FOR SEQ ID NO: 1:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 3946 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 IMMEDIATE SOURCE:  
 CLONE: mc1-1  
 FEATURE:  
 NAME/KEY: CDS  
 LOCATION: 61..1110  
 OTHER INFORMATION: /note= "When nucleotide 740 = C, amino acid 227 = A; when nucleotide 740 = T, amino acid 227 = V."  
 OTHER INFORMATION: /note= "When nucleotide 740 = C, amino acid 227 = A; when nucleotide 740 = T, amino acid 227 = V."  
 S-09-211-640-1

Query Match 34.1%; Score 2818; DB 3; Length 3946;  
 Best Local Similarity 100.0%; Pred. No. 0;  
 Matches 2888; Conservative 0; Mismatches 1; Indexes 0; Gaps 0;

3767	GGATGGGTTGGATGTTCCATGTTAGAGGACTTAAAGGGCCATCAGGAATGTGCT	3826
996	GGATGGGTTGGATGTTCCATGTTAGAGGACTTAAAGGGCCATCAGGAATGTGCT	1055
3827	GCTGCCTTTGCAAGGTTGGCTGCAAGTGGTTGGCATATCTAAATAGATAGGCC	3886
1056	GCTGCCTTTGCAAGGTTGGCTGCAAGTGGTTGGCATATCTAAATAGATAGGCC	1115
3887	TTACTGTAGTCAATAGTGTGCAATTGACTTACCCACACACCCACACCTTAT	3946
1116	TTACTGTAGTCAATAGTGTGCAATTGACTTACCCACACCCACACCTTAT	1175
3947	GCAGTGGACTCCAACTGGCTTAACCTCTAGATGTCACCTAGCACTTACCCAAAG	4006
1176	GCAGTGGACTCCAACTGGCTTAACCTCTAGATGTCACCTAGCACTTACCCAAAG	1235
4007	CAAGTGGCAAGGCAATTGCTAACTGAAATTAATCATGGAAAGTGTCCCATG	4066
1236	CAAGTGGCAAGGCAATTGCTAACTGAAATTAATCATGGAAAGTGTCCCATG	1295
4067	ATTGAGAGTCACTGTTGGGACTTTAGTTAGTGTAGTGTAGTGTAGTGT	4126
1296	ATTGAGAGTCACTGTTGGGACTTTAGTTAGTGTAGTGTAGTGTAGTGT	1355
4127	TGGGAAGTATGGGGGACTTTAGTTAGTGTAGTGTAGTGTAGTGTAGTGT	4186
1356	TGGGAAGTATGGGGGACTTTAGTTAGTGTAGTGTAGTGTAGTGTAGTGT	1415
4187	TTTCCTTGTGAGAACAGAAACTGGCCAGTGGCAAGCACTCATAGAATGTGAT	4246
1416	TTTCCTTGTGAGAACAGAAACTGGCCAGTGGCAAGCACTCATAGAATGTGAT	1475
4247	GCCGAAATTCAATTACTGTAGTGTAGTGTAGTGTAGTGTAGTGTAGTGT	4306





NAME: Haile, Ph.D., Lisa A.  
 REGISTRATION NUMBER: 38-347  
 REFERENCE/DOCKET NUMBER: PD-2845  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (619) 455-5100  
 INFORMATION FOR SEQ ID NO: 1:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 3946 base pairs  
 TYPE: nucleic acid  
 STRANDBNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 CLONE: mcl-1  
 FEATURE:  
 NAME / KEY: CDS  
 LOCATION: 61..1110  
 OTHER INFORMATION: /note= "When nucleotide 740 = C,  
 amino acid 227 = A; when nucleotide 740 = T, amino  
 acid 227 = V."  
 IMMEDIATE SOURCE:  
 SEQ ID NO: 1:  
 US-09-687-260-1

Query Match 34.1%; Score 2818; DB 4; Length 3946;  
 Best Local Similarity 100.0%; Pred. No. 0;  
 Matches 2868; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3767 GGATGGTTTCGGAGTTCTCCATGAGTGGCATCGGAATGTGCT 3826  
 Db 996 GGATGGTTTCGGAGTTCTCCATGAGTGGCATCGGAATGTGCT 1055  
 Qy 3827 GCTGGGTTTCGGAGTTCTCCATGAGTGGCATCGGAATGTGCT 3886  
 Db 1056 GCTGGGTTTCGGAGTTCTCCATGAGTGGCATCGGAATGTGCT 1115  
 Qy 3887 TTACTGTAATGGCAATAGTGACTTTAACCAACCAACCACTTAT 3946  
 Db 1116 TTACTGTAATGGCAATAGTGACTTTAACCAACCAACCACTTAT 1175  
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 Qy 4007 CAAGTGGCAAGGGATTATGGCTAACAGATAATACTATGGGAAGTGGCTCCCATCTG 4066  
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 Qy 4127 TGGGAGCTATGGGGGGGACTTTAGTTAGTGAATGGTGGGGAAAGACTTAA 4186  
 Db 1356 TGGGAGCTATGGGGGGGACTTTAGTTAGTGAATGGTGGGGAAAGACTTAA 1415  
 Qy 4187 TTTCCTGTGAGACAGGAAGTGGCCAGTGAAGCTATGATTGATTACCC 4246  
 Db 1416 TTTCCTGTGAGACAGGAAGTGGCCAGTGAAGCTATGATTGATTACCC 1475  
 Qy 4247 GCCGAAATTAAATTACTGTAGTTAGTGAATGGCTAGAAGGAACTGACCT 4306  
 Db 1476 GCCGAAATTAAATTACTGTAGTTAGTGAATGGCTAGAAGGAACTGACCT 1535  
 Qy 4307 GTGTAAGTTACAGTAAGTAAGTAATGACTTAAGCTCAAGGAAAGC 4366  
 Db 1536 GTGTAAGTTACAGTAAGTAAGTAATGACTTAAGCTCAAGGAAAGC 1595  
 Qy 4367 TTTCCTCTCTCTCTCTATTAGTTCCAGTATACTCTTGTGAGTCAGTGTGAGAC 4426  
 Qy 4427 TTTCCTCTCTCTCTCTATTAGTTCCAGTATACTCTTGTGAGTCAGTGTGAGAC 4486

RESULT 5  
 US-09-687-260-1  
 Sequence 1, Application US/09687260  
 Patent No. 6528063  
 GENERAL INFORMATION:  
 APPLICANT: Craig, Ruth W.  
 TITLE OF INVENTION: ANTIBODIES WHICH SPECIFICALLY BIND mcl-1  
 NUMBER OF SEQUENCES: 4  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Spensley Horn Juhns & Lubitz  
 STREET: 1880 Century Park East, Suite 500  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: USA  
 ZIP: 90067  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent in Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/687,260  
 FILING DATE: 12-Oct-2000  
 CLASSIFICATION: <unknown>  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: 09/378,536  
 FILING DATE: <Unknown>  
 ATTORNEY/AGENT INFORMATION:



RESULT 6  
PCT-US94-03547-1

Sequence 1, Application PC/TUS9403547

GENERAL INFORMATION:  
APPLICANT: The Johns Hopkins University School of Medicine  
TITLE OF INVENTION: MYELOID CELL LEUKEMIA ASSOCIATED GENE  
TITLE OF INVENTION: MCL-1  
NUMBER OF SEQUENCES: 2  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Spensley Horn Jubas & Lubitz  
STREET: 1880 Century Park East, Suite 500  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
21.P: 90067

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US94/03547  
FILING DATE: 31-MAR-1994

CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Wetherell, Jr., Ph.D., John W.  
REGISTRATION NUMBER: 31,678  
REFERENCE/DOCKET NUMBER: FD-2845  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 455-5100  
TELEFAX: (619) 455-5110

SEQUENCE CHARACTERISTICS:  
LENGTH: 3946 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)

IMMEDIATE SOURCE:  
CLONE: mcl-1

FEATURE:  
NAME/KEY: CDS  
LOCATION: 61..1110  
OTHER INFORMATION: /note= "When nucleotide 740 = C,  
OTHER INFORMATION: amino acid 227 = A; when nucleotide 740 = T, amino  
OTHER INFORMATION: acid 227 = V."  
PCT-US94-03547-1

Query Match 34.1%; Score 2818; DB 5; Length 3946;  
Best Local Similarity 100.0%; Pred. No 0;  
Matches 2868; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3767 GGATGGTTGTTGGAGTTCTTCATGGACCTGAGGGTGCATAGGAAATGTC 3826  
Db 996 GGATGGTTGTTGGAGTTCTTCATGGACCTGAGGGTGCATAGGAAATGTC 1.055  
Qy 3827 GCTGGCTTTCGAGTTGCTGAGCTGAGCTGGTATCGATATGAGATGCC 3886  
Db 1056 GCTGGCTTTCGAGTTGCTGAGCTGAGCTGGTATCGATATGAGATGCC 1.115  
Qy 3887 TTACGTGTTAGTCGATAGTTCGACTTTAACCAACCCACCAACCGTTA 3946  
Db 1116 TTACGTGTTAGTCGATAGTTCGACTTTAACCAACCCACCAACCGTTA 1175  
Qy 3947 GCAAGTGGCAAGGAGTTAGCTTACAAAGATAATACTGGAAAGATGCTCCCATTTG 4.006  
Db 1176 GCAAGTGGCAAGGAGTTAGCTTACAAAGATAATACTGGAAAGATGCTCCCATTTG 1235  
Qy 4007 CAAGTGGCAAGGAGTTAGCTTACAAAGATAATACTGGAAAGATGCTCCCATTTG 4.066  
Db 1236 CAAGTGGCAAGGAGTTAGCTTACAAAGATAATACTGGAAAGATGCTCCCATTTG 1295

Qy 4067 ATTGAAAGTCACTGCTGAAAGAAGCAAGTTCAGTTTCAAGCAAAAGAAACTTGTG 4.126  
Db 1296 ATTGAAAGTCACTGCTGAAAGAAGCAAGTTCAGTTTCAAGCAAAACTTGTG 1355  
Qy 4127 TGGAAAGCTATGGAGGGACTTTAGATTAGTGAAGTGGTAAAGACTTAA 4.186  
Db 1356 TGGAAAGCTATGGAGGGACTTTAGATTAGTGAAGTGGTAAAGACTTAA 1415  
Qy 4187 TTTCCTTGTGTTGAGACGGTCAAGTGGCAAGTGGCAAGTGGTACCT 4.246  
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Qy 4247 GCCGAATTCAATAATTACTGTAGTGTAGTAACTGAAATGCCAGTGCACCT 4.306  
Db 1476 GCCGAATTCAATAATTACTGTAGTGTAGTAACTGAAATGCCAGTGCACCT 1535  
Qy 4307 GTGTAAGTTACAAGTAATAAGTAACTGTAGTGTAGTAACTGAAAGGAGC 4.366  
Db 1536 GTGTAAGTTACAAGTAATAAGTAACTGTAGTGTAGTAACTGAAAGGAGC 1595  
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Db 1596 TTTCCTCTCTCTCTAAATTAGCTTCCAGTATACCTTAAAGTCAGTGTGAGC 1655  
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Db 1656 TTTPAACCTGTTATATTGGCTGGTTCATGTTCTACATTAACTGGCTACTTAT 1715  
Qy 4487 CACCATATACTTGCGGGAGGTATGAAATTGATAATGGATACTCTCAATT 4.546  
Db 1716 CACCATATACTTGCGGGAGGTATGAAATTGATAATGGATACTCTCAATT 1775  
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Db 1776 TAAAGACGCTGTAAATGTTGAAATTGTTACAGAAAGTCTATT 1835  
Qy 4607 CCTTGAACAGGAGGAGTATGCAATTACATTAGTTTTCATACCCCTTTGAACTTGTG 4.666  
Db 1836 CTTTGAACAGGAGGAGTATGCAATTACATTAGTTTTCATACCCCTTTGAACTTGTG 1895  
Qy 4667 CAACTTCGGTAATTAGGAACCTGTTTACAGCTTCTATGCTTAACCTTGTGTTCTGTT 4.726  
Db 1896 CAACTTCGGTAATTAGGAACCTGTTTACAGCTTCTATGCTTAACCTTGTGTTCTGTT 1955  
Qy 4727 CAGTTCTGAGCTGTTACAGAACTGTTGATGTTGAACTGTTCTATGCTTAACCTTGTGTTCTGTT 4.786  
Db 1956 CAGTTCTGAGCTGTTACAGAACTGTTGATGTTGAACTGTTCTATGCTTAACCTTGTGTTCTGTT 2015  
Qy 4787 GAAACAATCTGATAACTATGAGGTTTAATTTCTATCTGATTGGTAAGTATTCCT 4.846  
Db 2016 GAAACAATCTGATAACTATGAGGTTTAATTTCTATCTGATTGGTAAGTATTCCT 2075  
Qy 4847 TAGATAGTTCTTCTTGAACCTGGATTTGAGGTGATGATGATGATCTTTCACT 4.906  
Db 2076 TAGATAGTTCTTCTTGAACCTGGATTTGAGGTGATGATGATGATCTTTCACT 2135  
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Db 2136 TCATTATGCAAGTTCAATTAATTAGTCATACTGTTAAGTGGTACTGATGACT 2275  
Qy 5027 TAACCTGTGAAATTTCAGTGGCAATTGCTCATTTAAAGCTTTACTAAAGAATT 5.086  
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Qy 5087 TCAGCTGAATGGAAACTCATAGCTGCTGCAATAAGATCACTAGTGGTGGATGGA 5.146  
Db 2316 TCAGCTGAATGGAAACTCATAGCTGCTGCAATAAGATCACTAGTGGTGGATGGA 2375

Qy	5147	GAGACATTGACOCCCTGTTGCTTAATAATTATGCGCTTGAGAAGCAGG	5206
Db	2376	GAGACATTGACCCCTGTTGCTTAATAATTATGCGCTTGAGAAGCAGG	2435
Qy	5207	TAGTCRACCAAGGGTATATTAGGTTGCTAACACAGCTAACCTGCTAGT	5266
Db	2436	TAGTCRACCAAGGGTATATTAGGTTGCTAACACAGCTAACCTGCTAGT	2495
Qy	5267	ATGCTAAAGGAAATACTACTGTTGTTCTATTAAATGATCCTGGTGC	5326
Db	2496	ATGCTAAAGGAAATACTACTGTTGTTCTATTAAATGATCCTGGTGC	2555
Qy	5327	AAGTTTTCGATTCGATCTGGCATCTTGGATTCAAGCTTCAACCTAAC	5386
Db	2556	AAGTTTTCGATTCGATCTGGCATCTTGGATTCAAGCTTCAACCTAAC	2615
Qy	5387	TTTTATTCCTGTCCTCTGCTAACATGCTTACAGATATTAT	5446
Db	2616	TTTTATTCCTGTCCTCTGCTAACATGCTTACAGATATTAT	2675
Qy	5447	ATCAATTCCTAAGCTTCCCTGCACATCCCTGAACTCTTCTAGATTTG	5506
Db	2676	ATCAATTCCTAAGCTTCCCTGCACATCCCTGAACTCTTCTAGATTTG	2735
Qy	5507	GCACCTGAAACCCCTGCGAAACCTGAGTGAACCTCCCTCACACAG	5566
Db	2736	GCACCTGAAACCCCTGCGAAACCTGAGTGAACCTCCCTCACACAG	2795
Qy	5567	ACCTTTCATCTTCACCAACTGATCCTGTTAGCAGTGGTAACTACATGGTCTGTA	5626
Db	2796	ACCTTTCATCTTCACCAACTGATCCTGTTAGCAGTGGTAACTACATGGTCTGTA	2855
Qy	5627	CACTACAGTCAATTGAGGGGGAGGCCCCCTCTGGTACTCTTCTCAA	5686
Db	2856	CACTACAGTCAATTGAGGGGGAGGCCCCCTCTGGTACTCTTCTCAA	2915
Qy	5687	CTATGGTTTACCTGCTGGCAATGCTGCACTGATCTGGTCTTCTGTA	5746
Db	2916	CTATGGTTTACCTGCTGGCAATGCTGCACTGATCTGGTCTTCTGTA	2975
Qy	5747	CGAAAGAACATTTTAACTGCTTCTGATAGCTATGCTGCACTT	5806
Db	2976	CGAAAGAACATTTTAACTGCTTCTGATAGCTATGCTGCACTT	3035
Qy	5807	AAATTACAGAAAGCTTCAAGCTGCTTAAACCTCAGATTAACCT	5866
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Qy	5867	GGAGAAGTGTCTATTGGACTAGGGTCAATTGAAAGCTGACATGACC	5926
Db	3096	GGAGAAGTGTCTATTGGACTAGGGTCAATTGAAAGCTGACATGACC	3155
Qy	5927	TTAGTCGTGCACTCCATTAAATAGGTGATAAGTGTCAAGTGTATGG	5986
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Qy	5987	GAAGAAGTGTCTATTGGACTAGGGTCAATTGAAAGCTGACATGACC	6046
Db	3216	GAAGAAGTGTCTATTGGACTAGGGTCAATTGAAAGCTGACATGACC	3275
Qy	6047	TACCTATGTTTATGTTGCTTCTGCTAGGCTTAACTGCTCTAAGG	6106
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Qy	6107	ACCTAAAGCACTTATGTTGCTTCTGCTAGGCTTAACTGCTCTAAGG	6166
Db	3336	ACCTAAAGCACTTATGTTGCTTCTGCTAGGCTTAACTGCTCTAAGG	3395
Qy	6167	GCCTGTGTGCAAACTCAGTGGAAACAACTGCTAGTGTGTTAGGGGCC	6226
Db	3396	GCCTGTGTGCAAACTCAGTGGAAACAACTGCTAGTGTGTTAGGGGCC	3455
Qy	6227	ACTTCCTGCAACTTCAGGCTTAACTGAGCTTAACTGAGCTTAACTGAG	6286
Qy	6366	CACTTCCTGCAACTTCAGGCTTAACTGAGCTTAACTGAGCTTAACTGAG	6466
Db	6287	GCCTGTGGCACTGAGGGCTTAACTGAGCTTAACTGAGCTTAACTGAG	6346
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Qy	6347	GGGGTTTATAGGGAGGGCTAACAGTGTGTTAGGGTCTTAACTGCTAGT	6406
Db	6376	GGGGTTTATAGGGAGGGCTAACAGTGTGTTAGGGTCTTAACTGCTAGT	3635
Qy	6407	GCAATCTCCAAAAGGAAACGGGATTTGGTAAAGGAGATGGGCTCCAGTGACT	6466
Db	6336	GCAATCTCCAAAAGGAAACGGGATTTGGTAAAGGAGATGGGCTCCAGTGACT	3695
Qy	6467	CTTTTGACTCTGTTCTAGCTCTCTCCAGGGAAAACATGGCTTCCCTGAGT	6526
Db	3396	CTTTTGACTCTGTTCTAGCTCTCTCCAGGGAAAACATGGCTTCCCTGAGT	3755
Qy	6587	TAGCTGTGCCAGGAAGGGTAGGACCAACTGAAATTAAATGTTGGTT	6635
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 Qy 6543 GGGGGTGA 6551  
 Db 33 GGGGGTGA 25

RESULT 8  
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 Sequence 403, Application US/09736457  
 Patent No. 6509418  
 GENERAL INFORMATION:  
 APPLICANT: Wang, Tongtong  
 APPLICANT: Bangur, Chaitanya S.  
 APPLICANT: Lodes, Michael A.  
 APPLICANT: Panger, Gary  
 APPLICANT: Vedula, Tom  
 APPLICANT: Carrer, Darrick  
 APPLICANT: Reitter, Marc  
 APPLICANT: Mannion, Jane  
 APPLICANT: Fan, Liqun  
 APPLICANT: Wang, Ajun  
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND  
 FILE REFERENCE: 210121-478C15  
 CURRENT APPLICATION NUMBER: US/09/736,457  
 CURRENT FILING DATE: 2000-12-13  
 NUMBER OF SEQ ID NOS: 1854  
 SOFTWARE: FastSEQ for Windows Version 3.0  
 SEQ ID NO 403  
 LENGTH: 440  
 TYPE: DNA  
 ORGANISM: Homo sapien  
 FEATURE:  
 NAME/KEY: misc\_feature  
 LOCATION: (1) ..(440)  
 OTHER INFORMATION: n = A,T,C or G  
 US-09-736-457-403

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 Matches 188; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
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 TYPE: DNA  
 ORGANISM: Homo sapien  
 FEATURE:  
 NAME/KEY: misc\_feature  
 LOCATION: (1) ..(440)  
 OTHER INFORMATION: n = A,T,C or G  
 US-09-614-124B-403

Query Match 1.7%; Score 138; DB 4; Length 440;  
 Best Local Similarity 99.5%; Pred. No. 4..4e-54;  
 Matches 188; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
 SEQ ID NO 403  
 LENGTH: 440  
 TYPE: DNA  
 ORGANISM: Homo sapien  
 FEATURE:  
 NAME/KEY: misc\_feature  
 LOCATION: (1) ..(440)  
 OTHER INFORMATION: n = A,T,C or G  
 US-09-614-124B-403

RESULT 9  
 US-09-614-124B-403/C  
 Sequence 403, Application US/09614124B  
 Patent No. 6630574  
 GENERAL INFORMATION:  
 APPLICANT: Wang, Tongtong  
 APPLICANT: Bangur, Chaitanya S.  
 APPLICANT: Panger, Gary  
 APPLICANT: Vedula, Tom  
 APPLICANT: Carrer, Darrick  
 APPLICANT: Reitter, Marc  
 APPLICANT: Mannion, Jane  
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND  
 FILE REFERENCE: 210121-478C12  
 CURRENT APPLICATION NUMBER: US/09/671,325  
 CURRENT FILING DATE: 2000-09-26  
 NUMBER OF SEQ ID NOS: 1855  
 SOFTWARE: FastSEQ for Windows Version 3.0  
 SEQ ID NO 403  
 LENGTH: 440  
 TYPE: DNA  
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 NAME/KEY: misc\_feature  
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 OTHER INFORMATION: n = A,T,C or G  
 US-09-614-325-403

Query Match 1.7%; Score 138; DB 4; Length 440;  
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 SEQ ID NO 403  
 LENGTH: 440  
 TYPE: DNA  
 ORGANISM: Homo sapien  
 FEATURE:  
 NAME/KEY: misc\_feature  
 LOCATION: (1) ..(440)  
 OTHER INFORMATION: n = A,T,C or G  
 US-09-614-325-403



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; FILE REFERENCE: GENSET.054PR2
; CURRENT APPLICATION NUMBER: US/09/621,976
; CURRENT FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 19335
; SOFTWARE: Patent.pm
; SEQ ID NO: 1689
; LENGTH: 506
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 28..324
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; OTHER INFORMATION: seq LFTSFVILQLQA/IW
; US-09-621-976-1689

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Qy 161 TGTCTGGCTCTGAGCCAGCCAGCCAGCTCGATCCCTGACTGACCTATACTAC 217
Db 329 TGTCTGGCTCTGAGCCAGCCAGCTCGATCCCTGACTGACCTATACTAC 273

RESULT 15
US-09-833-381-1017/c
; Sequence 1617, Application US/09833381
; Patent No. 6672386
; GENERAL INFORMATION:
; APPLICANT: Robison, Keith E. 6672386 Nucleic Acid and Protein Homologs
; TITLE OF INVENTION: No. 6672386 Nucleic Acid and Protein Homologs
; FILE REFERENCE: 5800-119
; CURRENT APPLICATION NUMBER: US/09/833,381
; CURRENT FILING DATE: 2001-04-11
; PRIOR APPLICATION NUMBER: 09/516,448
; PRIOR FILING DATE: 2000-02-29
; NUMBER OF SEQ ID NOS: 2050
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO: 1017
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; LENGTH: 629
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1) -(629)
; OTHER INFORMATION: n = A,T,C or G
; US-09-833-381-1017

Query Match 0.7%; Score 57; DB 4; Length 629;
Best Local Similarity 100.0%; Prod. No. 2.2e-16; Indels 0; Gaps 0;
Matches 57; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 161 TGTCTGGCTCTGAGCCAGCCAGCTCGATCCCTGACTGACCTATACTAC 217
Db 411 TGTCTGGCTCTGAGCCAGCCAGCTCGATCCCTGACTGACCTATACTAC 355

Search completed: May 3, 2004, 17:20:09
Job time : 364 secs

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